

KRAUSE
"Operating Mode Extensions in Wireless
Communications Networks"
Atty. Docket No. CS23879RA

Appl. No. 10/797,172
Confirm No. 4057
Examiner J. Contee
Art Unit 3617

REMARKS

Request for Reconsideration, Informal Matters, Claims Pending

The non-final Office Action mailed on 17 July 2007 has been considered carefully. Reconsideration of the claimed invention in view of the amendments above and the discussion below is respectfully requested.

Claims 1-32 are pending.

Arguments re: Qu

Rejection Summary

Claims 1-32 stand rejected under 35 USC 102(b) for anticipation by U.S. Publication No. 2005/0176445 (Qu).

Discussion of Claim 1

Regarding Claim 1, Qu fails to disclose a

... method in a multi-mode wireless communications device capable of operating in CDMA and GSM communications modes, the method comprising:

operating the multi-mode wireless communications device in CDMA communications mode;

while operating in CDMA communications mode, generating an origination message including information indicating an ability of the multi-mode wireless communications device to operate in GSM communications mode.

The various passages of Qu cited by the Examiner do not meet the limitations of Claim 1, and thus Qu does not support a *prima facie* case of anticipation. At paragraph [0011], Qu discusses receiving first and second broadcast messages from corresponding first and second networks at a dual mode (GSM/UMTS) wireless device, wherein the wireless device processes and filters the received messages according to a composite set. At paragraphs [0022-24], Qu discusses the network infrastructure that provides broadcast messages to the dual mode wireless device. At paragraphs [0025-27], Qu discusses the format of broadcast messages sent to the dual mode wireless device. At paragraphs [0037-38 & 0047-53], Qu discusses parameters that may be used in the broadcast messages sent by the network. At paragraphs [0054-65], Qu discusses filtering configurations implemented by the dual mode wireless device. Claim 1 is thus patentably distinguished over Qu.

Discussion of Claim 13

Claim 13 has been amended to recite that the message is stored on a computer readable medium. Qu fails to disclose a

... message stored on a computer readable medium, the message for origination or page response by a multimode communications device, the message comprising:

a first additional mode information field of the message for indicating an ability of a multimode communications device to accept a channel assignment in a first additional mode other than a first mode;

a second additional mode information field of the message for indicating an ability of the multimode communications device to accept a channel assignment in a second additional mode other than the first mode and the first additional mode.

The various passages of Qu cited by the Examiner do not meet the limitations of Claim 13, and thus Qu does not support a *prima facie* case of anticipation. At paragraph [0011], Qu discusses receiving first and second broadcast messages from corresponding first and second networks at a dual mode (GSM/UMTS) wireless device, wherein the wireless device processes and filters the received messages according to a composite set. At paragraphs [0022-24], Qu discusses the network infrastructure that provides broadcast messages to the dual mode wireless device. At paragraphs [0025-27], Qu discusses the format of broadcast messages sent to the dual mode wireless device. At paragraphs [0037-38 & 0047-53], Qu discusses parameters that may be used in the broadcast messages sent by the network. At paragraphs [0054-65], Qu discusses filtering configurations implemented by the dual mode wireless device. Claim 13 is drawn to a message for origination or page response by a multimode communications device. The messages of Qu are broadcast messages sent by the network. Claim 13 is thus patentably distinguished over Qu.

Discussion of Claim 19

Regarding independent Claim 19, Qu fails to disclose a

... method in a CDMA communications network, the method comprising:
generating a channel assignment message;
providing GSM channel assignment information in the channel assignment message.

The various passages of Qu cited by the Examiner do not meet the limitations of Claim 19, and thus Qu does not support a *prima facie* case of

anticipation. At paragraph [0011], Qu discusses receiving first and second broadcast messages from corresponding first and second networks at a dual mode (GSM/UMTS) wireless device, wherein the wireless device processes and filters the received messages according to a composite set. At paragraphs [0022-24], Qu discusses the network infrastructure that provides broadcast messages to the dual mode wireless device. At paragraphs [0025-27], Qu discusses the format of broadcast messages sent to the dual mode wireless device. At paragraphs [0037-38 & 0047-53], Qu discusses parameters that may be used in the broadcast messages sent by the network. At paragraphs [0054-65], Qu discusses filtering configurations implemented by the dual mode wireless device. Claim 19 is drawn to a method for generating a channel assignment message in a CDMA network, wherein the message contains GSM channel assignment information. Channel assignment messages are dedicated channel messages directed to a particular wireless terminal. The messages of Qu are broadcast messages. Claim 19 is thus patentably distinguished over Qu.

Discussion of Claim 25

Regarding independent Claim 25, Qu fails to disclose a

... method for network resource allocation in a first communications network, the method comprising:
receiving a message from a multimode mobile station;
generating a channel assignment message for the multimode mobile station operating in a first communications network on the first network in response to the message;
assigning the multimode mobile station to a second network in the channel assignment message;

transmitting the channel assignment message to the multimode mobile station.

The various passages of Qu cited by the Examiner do not meet the limitations of Claim 25, and thus Qu does not support a *prima facie* case of anticipation. At paragraph [0011], Qu discusses receiving first and second broadcast messages from corresponding first and second networks at a dual mode (GSM/UMTS) wireless device, wherein the wireless device processes and filters the received messages according to a composite set. At paragraphs [0022-24], Qu discusses the network infrastructure that provides broadcast messages to the dual mode wireless device. At paragraphs [0025-27], Qu discusses the format of broadcast messages sent to the dual mode wireless device. At paragraphs [0037-38 & 0047-53], Qu discusses parameters that may be used in the broadcast messages sent by the network. At paragraphs [0054-65], Qu discusses filtering configurations implemented by the dual mode wireless device. Claim 25 is drawn to a method of generating channel assignment messages for a multimode wireless terminal. The messages of Qu are broadcast messages sent by the network. Claim 25 is thus patentably distinguished over Qu.

Discussion of Claim 28

Regarding independent Claim 28, Qu fails to disclose a

... method in a multimode communications device, the method comprising:

receiving a channel assignment message while operating in a first mode pursuant to a first communications protocol,

the channel assignment message including channel assignment information for a mode of operation pursuant to a second communications protocol;

transitioning to one of an access grant channel or a dedicated channel based on the channel assignment information for the different mode of operation.

The various passages of Qu cited by the Examiner do not meet the limitations of Claim 28, and thus Qu does not support a *prima facie* case of anticipation. At paragraph [0011], Qu discusses receiving first and second broadcast messages from corresponding first and second networks at a dual mode (GSM/UMTS) wireless device, wherein the wireless device processes and filters the received messages according to a composite set. At paragraphs [0022-24], Qu discusses the network infrastructure that provides broadcast messages to the dual mode wireless device. At paragraphs [0025-27], Qu discusses the format of broadcast messages sent to the dual mode wireless device. At paragraphs [0037-38 & 0047-53], Qu discusses parameters that may be used in the broadcast messages sent by the network. At paragraphs [0054-65], Qu discusses filtering configurations implemented by the dual mode wireless device. Claim 28 is drawn to a method in a multimode wireless terminal that receives a channel assignment message while operating in one mode wherein the channel assignment is for a different protocol associated with a different mode. The messages of Qu are broadcast messages sent by the network. Claim 28 is thus patentably distinguished over Qu.

Discussion of Claim 31

Claim 31 has been amended to recite that the message is stored on a computer readable medium. Qu fails to disclose a

...channel assignment message native to a first communications protocol for transmission to a multimode communications device operable in a mode pursuant to the first communications protocol and

operable in at least one other mode pursuant to a second communications protocol, comprising:

channel assignment information of the channel assignment message including assignment information for one of an access grant channel of the second communications protocol or a dedicated channel of the second communications protocol.

The various passages of Qu cited by the Examiner do not meet the limitations of Claim 1, and thus Qu does not support a *prima facie* case of anticipation. At paragraph [0011], Qu discusses receiving first and second broadcast messages from corresponding first and second networks at a dual mode (GSM/UMTS) wireless device, wherein the wireless device processes and filters the received messages according to a composite set. At paragraphs [0022-24], Qu discusses the network infrastructure that provides broadcast messages to the dual mode wireless device. At paragraphs [0025-27], Qu discusses the format of broadcast messages sent to the dual mode wireless device. At paragraphs [0037-38 & 0047-53], Qu discusses parameters that may be used in the broadcast messages sent by the network. At paragraphs [0054-65], Qu discusses filtering configurations implemented by the dual mode wireless device. Claim 31 is drawn to a channel assignment message, which is a dedicated or point-to point message. The messages of Qu are broadcast messages. Claim 31 is thus patentably distinguished over Qu.

Prayer For Relief

In view of any amendments and the discussion above, the present application is in condition for allowance. Kindly withdraw any rejections and objections and allow this application to issue as a United States Patent without further delay.

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